

SKILLS PRACTICE 26

For use with Lessons 9-5-9-6

NAME _____

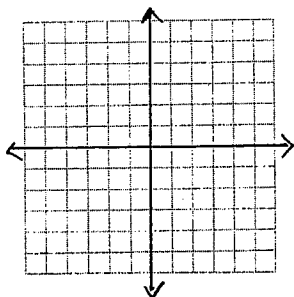
DATE _____

9-5 Determine whether the given point is a solution of the inequality.

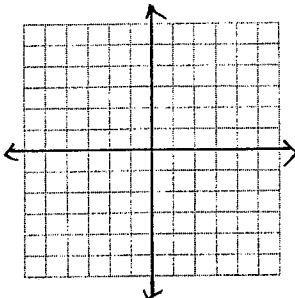
1. $(1, -4)$; $4x - 5y < 12$ _____
2. $(-4, 2)$; $2x + y < -5$ _____
3. $(-3, 2)$; $5x - 4y \leq 13$ _____
4. $(3, -6)$; $4x + 2y \geq 0$ _____
5. $(8, 14)$; $2y - 3x > 5$ _____
6. $(7, 20)$; $3x - y > -1$ _____

Graph each inequality.

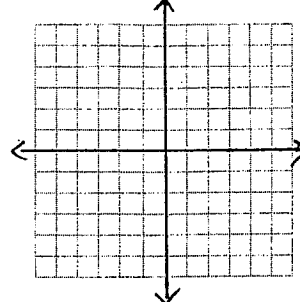
7. $y \geq x + 1$



8. $y < x + 2$

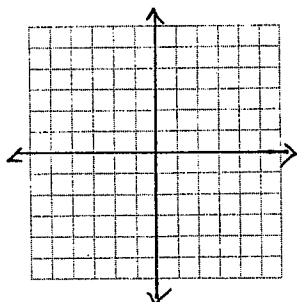


9. $x - y > 4$

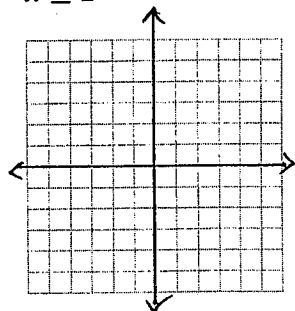


9-6 Solve these systems by graphing.

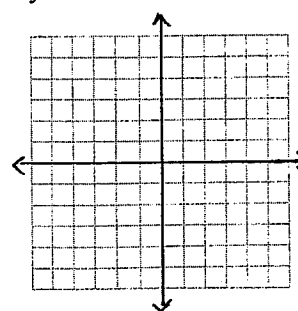
10. $y > 2x$
 $x + y > -1$



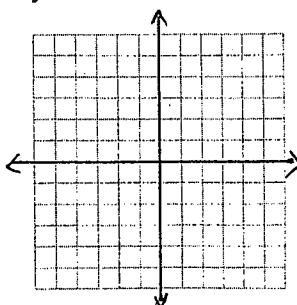
11. $x + y \geq 2$
 $x \leq 2$



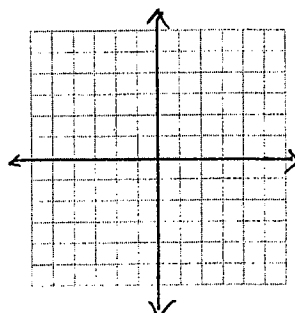
12. $y - 2x > -1$
 $y - 2x < 2$



13. $y > -\frac{1}{2}$
 $y > x + 2$



14. $3y - 2x > 6$
 $x + y \leq 2$



15. $2y + x > 2$
 $3y \leq 6$

